



Product Specification

cdhfinechemical.com

MAGNESIUM PERCHLORATE HYDRATE AR

PRODUCT CODE	568285	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	64010-42-0	
ATOMIC OR MOLECULAR FORMULA	Mg(ClO₄)₂.XH₂O	Mg(ClO₄)₂.XH₂O
ATOMIC OR MOLECULAR WEIGHT	223.21 (anhydrous)	

PROPERTIES --

PARAMETER	LIMIT
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Description	White crystals or crystalline powder or flakes or chunks.
Solubility	Soluble in water.
Minimum assay (Complexometric)	83.0%

MAXIMUM LIMIT OF IMPURITIES

Free acid (as HClO ₄)	0.05%
Free alkali (as MgO)	0.05%
Chloride (Cl)	0.005%
Nitrate (NO ₃)	0.002%

Note(s) : Assay (if applicable) method mentioned.

DANGER Hazard statements: May cause respiratory irritation. May intensify fire; oxidizer. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. Precautionary statements Prevention: Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat. Response: If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Disposal: The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.	IMDG Code : 5.1/II UN No. : 1475 IATA : 5.1
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Hazard Pictogram(s) :-



Replace Date 15/03/2021